

RAW SEQUENCE LISTING

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Application Serial Number: 10|562,063
Source: IFWO
Date Processed by STIC: 3/29/07

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RAW SEQUENCE LISTING

DATE: 03/29/2007

PATENT APPLICATION: US/10/562,063

TIME: 13:15:10

Input Set : N:\efs\03_29_07\10562063_efs\20070327SequenceListing.txt

Output Set: N:\CRF4\03292007\J562063.raw

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3 <110> APPLICANT: Sode, Koji
5 <120> TITLE OF INVENTION: SYNUCLEIN MUTANT HAVING AGGREGATION-INHIBITORY ACTIVITY
7 <130> FILE REFERENCE: 3691-0125PUS1
9 <140> CURRENT APPLICATION NUMBER: US 10/562,063
10 <141> CURRENT FILING DATE: 2005-12-22
12 <150> PRIOR APPLICATION NUMBER: PCT/JP2004/009084
13 <151> PRIOR FILING DATE: 2004-06-22
15 <150> PRIOR APPLICATION NUMBER: JP 2003-202699
16 <151> PRIOR FILING DATE: 2003-06-22
18 <160> NUMBER OF SEQ ID NOS: 23
20 <170> SOFTWARE: PatentIn version 3.1
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 140
25 <212> TYPE: PRT
26 <213> ORGANISM: Homo sapiens
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30 1 5 10 15
31 Ala Ala Ala Glu Lys Thr Lys Gln Gly Val Ala Glu Ala Ala Gly Lys
32 20 25 30
33 Thr Lys Glu Gly Val Leu Tyr Val Gly Ser Lys Thr Lys Glu Gly Val
34 35 40 45
35 Val His Gly Val Ala Thr Val Ala Glu Lys Thr Lys Glu Gln Val Thr
36 50 55 60
37 Asn Val Gly Gly Ala Val Thr Gly Val Thr Ala Val Ala Gln Lys
38 65 70 75 80
39 Thr Val Glu Gly Ala Gly Ser Ile Ala Ala Thr Gly Phe Val Lys
40 85 90 95
41 Lys Asp Gln Leu Gly Lys Asn Glu Glu Gly Ala Pro Gln Glu Gly Ile
42 100 105 110
43 Leu Glu Asp Met Pro Val Asp Pro Asp Asn Glu Ala Tyr Glu Met Pro
44 115 120 125
45 Ser Glu Glu Gly Tyr Gln Asp Tyr Glu Pro Glu Ala
46 130 135 140
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49 <211> LENGTH: 423
50 <212> TYPE: DNA
51 <213> ORGANISM: Homo sapiens
53 <400> SEQUENCE: 2
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55 aaaaccaaac aggggtgtggc agaagcagca ggaaagacaa aagagggtgt tctctatgta 120
56 ggctccaaaa ccaaggaggg agtggtgcat ggtgtggcaa cagtggctga gaagaccaa 180
57 gagcaagtga caaatgttgg aggagcagtg gtgacgggtg tgacagcagt agcccagaag 240

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58 acagtggagg gagcagggag cattgcagca gccactggct ttgtcaaaaa ggaccagttg      300
59 ggcaagaatg aagaaggagc cccacaggaa ggaattctgg aagatatgcc tgtggatcct      360
60 gacaatgagg cttatgaaat gccttctgag gaagggtatc aagactacga acctgaagcc      420
61 taa                                                                    423
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65 <212> TYPE: DNA
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69 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic PCR primer
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75 <211> LENGTH: 42
76 <212> TYPE: DNA
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
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86 <211> LENGTH: 36
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic PCR primer
93 <400> SEQUENCE: 5
94 ccatggatgt attcatgaaa ggactttcaa aggcca                                36
96 <210> SEQ ID NO: 6
97 <211> LENGTH: 37
98 <212> TYPE: DNA
99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic PCR primer
104 <400> SEQUENCE: 6
105 cctgcagtat ttcttaggct tcagggttcgt agtcttg                            37
107 <210> SEQ ID NO: 7
108 <211> LENGTH: 36
109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
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115 <400> SEQUENCE: 7
116 ccaagcttca tatggatgta ttcatgaaag gacttt                                36
118 <210> SEQ ID NO: 8
119 <211> LENGTH: 42
120 <212> TYPE: DNA
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:

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124 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic PCR primer
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 132 <213> ORGANISM: Artificial Sequence
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 135 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic PCR primer
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 138 caaatgttgg aacagcagtg gtgac 25
 140 <210> SEQ ID NO: 10
 141 <211> LENGTH: 25
 142 <212> TYPE: DNA
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 154 <213> ORGANISM: Artificial Sequence
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 163 <211> LENGTH: 23
 164 <212> TYPE: DNA
 165 <213> ORGANISM: Artificial Sequence
 167 <220> FEATURE:
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 170 <400> SEQUENCE: 12
 171 gttggaggag tggtagtagac ggg 23
 173 <210> SEQ ID NO: 13
 174 <211> LENGTH: 22
 175 <212> TYPE: DNA
 176 <213> ORGANISM: Artificial Sequence
 178 <220> FEATURE:
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 181 <400> SEQUENCE: 13
 182 ggaggagcaa cagtgcggg tg 22
 184 <210> SEQ ID NO: 14
 185 <211> LENGTH: 22
 186 <212> TYPE: DNA
 187 <213> ORGANISM: Artificial Sequence
 189 <220> FEATURE:
 190 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic PCR primer

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192 <400> SEQUENCE: 14
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196 <211> LENGTH: 22
197 <212> TYPE: DNA
198 <213> ORGANISM: Artificial Sequence
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204 ggaggagcat ttgtgacggg tg 22
206 <210> SEQ ID NO: 16
207 <211> LENGTH: 39
208 <212> TYPE: DNA
209 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic PCR primer
214 <400> SEQUENCE: 16
215 caaatgttgaggagcaaca acaacgggtg tgacagcag 39
217 <210> SEQ ID NO: 17
218 <211> LENGTH: 24
219 <212> TYPE: DNA
220 <213> ORGANISM: Artificial Sequence
222 <220> FEATURE:
223 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic PCR primer
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226 gagcagtggg ggtgggtgtg acag 24
228 <210> SEQ ID NO: 18
229 <211> LENGTH: 23
230 <212> TYPE: DNA
231 <213> ORGANISM: Artificial Sequence
233 <220> FEATURE:
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236 <400> SEQUENCE: 18
237 ggtgacgggt acaacagcag tag 23
239 <210> SEQ ID NO: 19
240 <211> LENGTH: 25
241 <212> TYPE: DNA
242 <213> ORGANISM: Artificial Sequence
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245 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic PCR primer
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250 <210> SEQ ID NO: 20
251 <211> LENGTH: 25
252 <212> TYPE: DNA
253 <213> ORGANISM: Artificial Sequence
255 <220> FEATURE:
256 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic PCR primer
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DATE: 03/29/2007

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Input Set : N:\efs\03_29_07\10562063_efs\20070327SequenceListing.txt

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261 <210> SEQ ID NO: 21
262 <211> LENGTH: 48
263 <212> TYPE: DNA
264 <213> ORGANISM: Artificial Sequence
266 <220> FEATURE:
267 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic PCR primer
269 <400> SEQUENCE: 21
270 gtgacaaatg ttggaggaaa aacaaaagaa ggtgtgacag cagtagcc          48
272 <210> SEQ ID NO: 22
273 <211> LENGTH: 18
274 <212> TYPE: PRT
275 <213> ORGANISM: Artificial Sequence
277 <220> FEATURE:
278 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide
280 <400> SEQUENCE: 22
281 Gln Val Thr Asn Val Gly Gly Ala Thr Thr Thr Gly Val Thr Ala Val
282 1           5           10           15
283 Ala Gln
286 <210> SEQ ID NO: 23
287 <211> LENGTH: 10
288 <212> TYPE: PRT
289 <213> ORGANISM: Artificial Sequence
291 <220> FEATURE:
292 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide
294 <400> SEQUENCE: 23
295 Val Gly Gly Ala Thr Thr Thr Gly Val Thr
296 1           5           10

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/562,063

DATE: 03/29/2007

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Input Set : N:\efs\03_29_07\10562063_efs\20070327SequenceListing.txt

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